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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Xu et al.

EXAMINER:

Patterson

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March 15, 2004

FOR:

Methods for Altering the Cleavage Specificity of a

Type IIG Restriction Endonuclease

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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Leslie Goldberg

RESPONSE TO FINAL OFFICE ACTION

In response to the Final Office Action mailed December 7, 2006, Applicants submit this response. Changes to the specification appear on page 2 of this paper. The listing of claims begins on page 3 of this paper. The Remarks and Conclusion sections begin on pages 7 and 9, respectively. Claims 11, 12 and 13 have been amended.